



CALIFORNIA

Agricultural Bulletin

EDD Employment
Development
Department
State of California

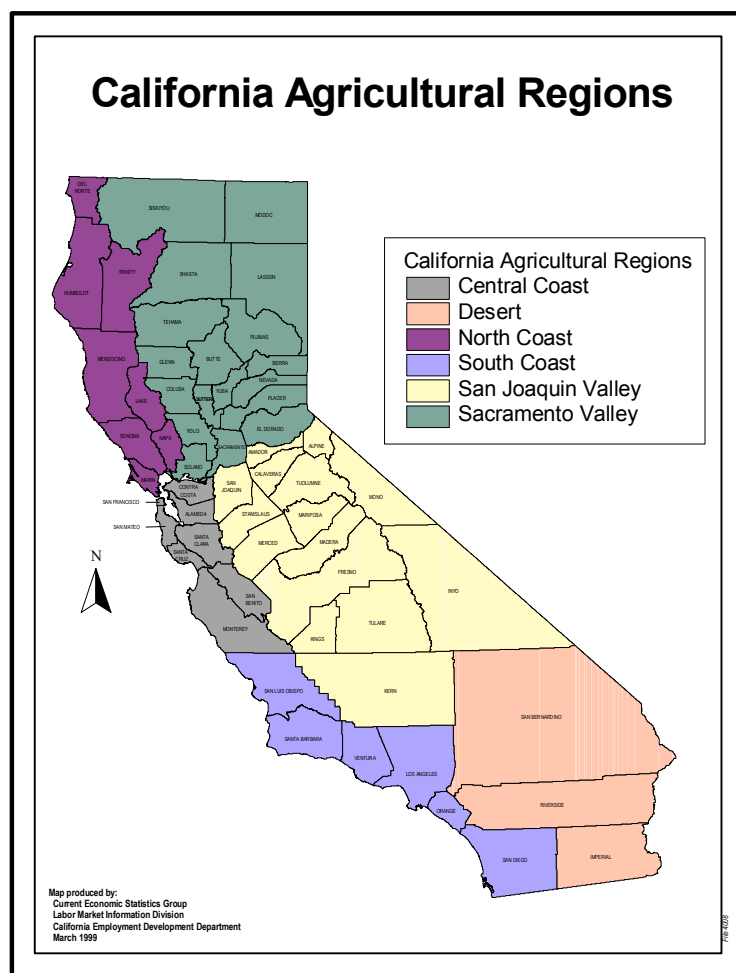
February 2003
(Internet Version)

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Agricultural Overview

This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from 5 to 17 within each of the 6 geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Summary

Employment

Total Agricultural Crop and Service Production from January 2003 to February 2003 dropped by 12,100, driven by the decrease of 7,600 jobs in Agricultural Services. The prime mover in Agricultural Service was Farm Labor Contractors, which declined by 6,600 jobs. Increases of 500 were seen in Farm Management Services. In the breakdown of the regions, San Joaquin Valley dropped by 7.9 percent or 11,700 jobs. However, Desert Region jumped 6.5 percent or 1,800 jobs. This increase was due to picking and packing of navel oranges, lemons, and grapefruit in Imperial Valley.

Total Agricultural Wages showed a decrease of two cents from January 2003 to February 2003. Both Agricultural Livestock Production and Total Agricultural Services had decreases of four cents. Among the major categories, the largest gain was of three cents in Total Agricultural Crop Production.

Production and Crop Activity

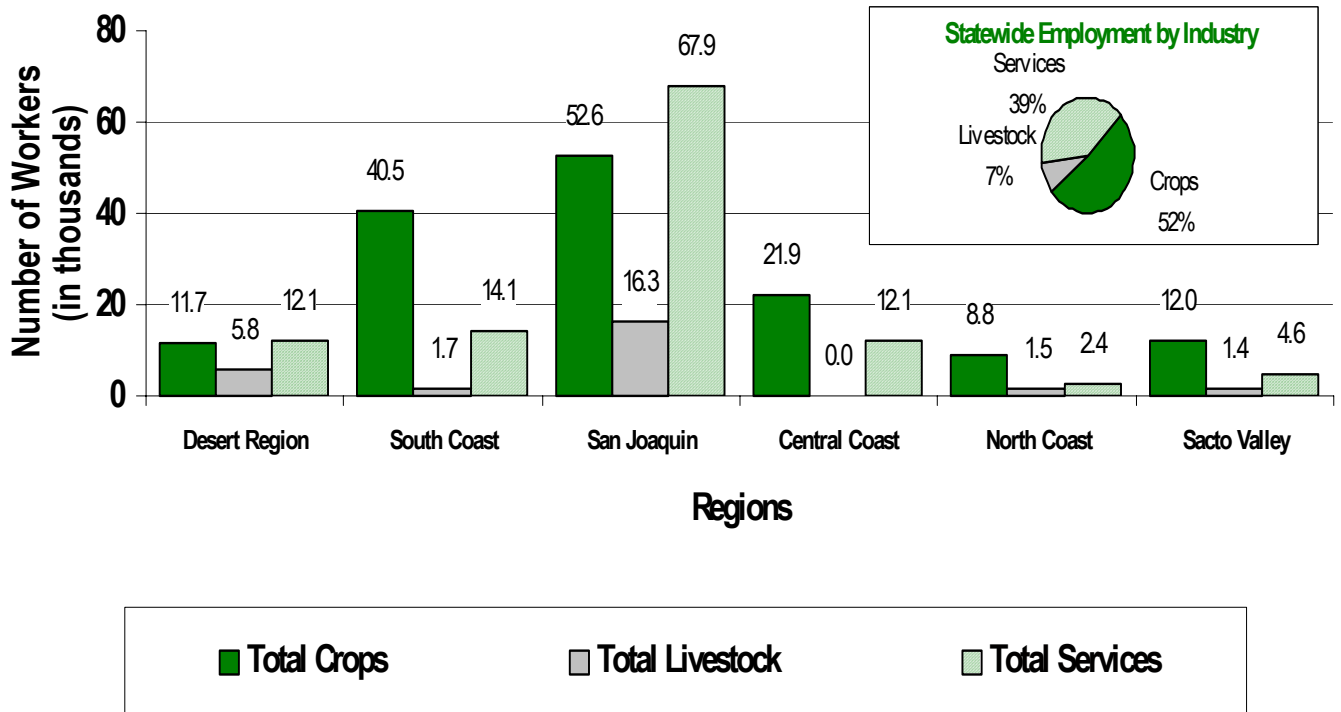
Fields being prepared for cotton planting were irrigated and treated with herbicides. A few small grain fields were still being planted. Fertilizer and herbicide applications were made to wheat, oats, and other small grains. Herbicide spraying continued in oat hay and alfalfa fields. Corn growers were preparing for planting by forming beds and pre-irrigating. Some early corn was planted. Planting of new sugar beet fields continued. Hazing and rodent control began to prevent young sugar beet plants. Fields that were to be planted to dry beans were treated for weeds in some areas. Planting beds were being prepared for peppers, melons and other spring vegetables; fumigation was in progress in some fields. Tomato planting continued; new fields were prepared and pre-plant herbicides were applied. Asparagus beds were being prepared for the upcoming harvest in the Stockton-Delta area. Planting of peppers, squash, carrots, green beans, spinach, parsley, radicchio, and cauliflower continued as field conditions permitted. Potato harvesting continued. The following vegetables were harvested during the month of February: broccoli, cauliflower, head lettuce, Romaine lettuce, celery, Napa cabbage, carrots, cilantro, mustard greens, daikon, green onions, garlic, parsley, bok choy, kale, radishes, radicchio, turnips, and asparagus. Asparagus harvesting began, and processing spinach was expected to begin soon in some areas.

Seasonal cultural activities such as pruning, grafting, cultivating and dormant spraying continued in orchards and vineyards. Crews were pruning and tying vines in grape vineyards. Orchard brush shredding continued as weather and ground conditions permitted. Bare root nursery stock digging was complete. New orchards and vineyards were planted where older plantings had been removed. Grape growers cultivated, applied herbicides, added soil amendments, and treated vineyards for insect pests. Ground preparation for new plantings was in progress. Navel orange harvesting continued, but was winding down in some areas. Grapefruit picking continued in the desert and San Joaquin Valley. Lemons and tangelos were also picked. Irrigation and weeding of strawberry plants continued. Nut growers also performed seasonal cultural activities such as pruning and spraying trees.

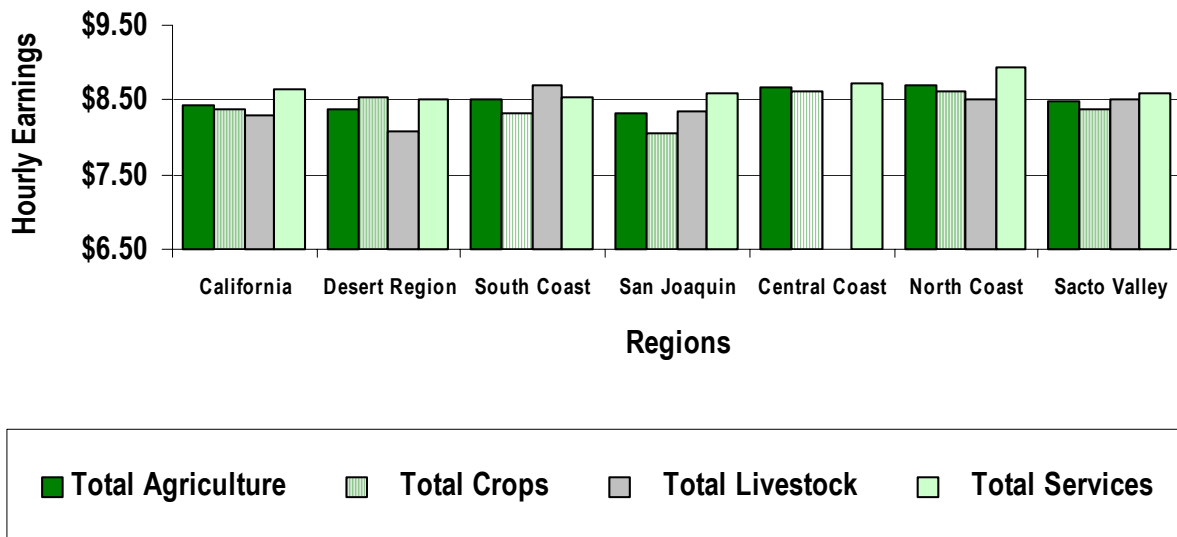
Supplemental feeding of cattle continued in some areas. Movement of stocker cattle to foothill pastures was completed. Sheep were grazing in alfalfa fields and pastures in the central area. At the same time, lambs were grazing in alfalfa fields in the Imperial Valley and beginning to move to market or to other areas for further feeding. In the Central Valley, Beehives were being placed in a few stone fruit and almond orchards to aid pollination.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	287.4	299.5	289.7
Total Agricultural Production/Crops	147.5	151.8	148.6
Cash Grains	1.6	1.6	1.6
Rice	1.1	1.2	0.9
Other Cash Grains	0.5	0.4	0.7
Field Crops Except Grains	7.2	6.7	8.0
Cotton	3.6	3.4	3.9
Other Field Crops	3.6	3.3	4.1
Vegetables and Melons	20.9	20.9	23.6
Total Fruits and Tree Nuts	65.8	68.9	63.4
Berries	12.4	12.7	11.8
Grapes	31.7	32.9	29.2
Tree Nuts	7.0	7.2	7.1
Citrus Fruits	2.7	2.7	3.2
Deciduous Tree Fruit	5.9	7.2	5.9
Other Fruits & Nuts	6.1	6.2	6.2
Total Horticultural Specialties	34.5	35.4	34.3
Ornamental Floral & Nursery	31.5	32.3	30.7
Food Crops Grown Under Cover	3.0	3.1	3.6
General Farm Primarily Crop	17.5	18.3	17.7
Agricultural Production/Livestock	26.7	26.9	29.2
Beef Cattle Feed Lots	0.8	0.7	0.9
Beef Cattle Except Feed Lots	2.8	2.9	3.6
Dairy Farms	16.3	16.0	17.0
Chicken Eggs	1.9	2.3	2.1
Turkey & Turkey Eggs	0.7	0.7	0.9
Other Livestock	4.2	4.3	4.7
Total Agricultural Services	113.2	120.8	111.9
Soil Preparation Services	1.5	1.2	1.5
Crop Services	31.1	32.9	31.1
Plant Cultivate & Protection	4.1	4.5	4.4
Harvest Primarily by Machine	2.5	2.7	3.0
Preparation Services for Market	23.7	24.7	22.9
Cotton Ginning	0.8	1.0	0.8
Total Farm Labor & Management	80.6	86.7	79.3
Farm Labor Contractors	71.8	78.4	70.1
Farm Management Services	8.8	8.3	9.2

Average Hourly Earnings (In dollars per hour)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	8.43	8.45	8.36
Total Agricultural Production/Crops	8.37	8.34	8.31
Cash Grains	8.47	8.37	8.51
Rice	8.72	8.72	8.59
Other Cash Grains	8.22	8.02	8.42
Field Crops Except Grains	8.26	8.17	8.34
Cotton	8.17	8.16	8.21
Other Field Crops	8.34	8.18	8.47
Vegetables and Melons	8.43	8.45	8.38
Total Fruits and Tree Nuts	8.34	8.36	8.18
Berries	8.04	8.10	8.15
Grapes	8.46	8.45	8.35
Tree Nuts	8.49	8.46	8.08
Citrus Fruits	8.38	8.38	8.16
Deciduous Tree Fruit	8.25	8.34	7.95
Other Fruits & Nuts	8.45	8.44	8.42
Total Horticultural Specialties	8.39	8.40	8.27
Ornamental Floral & Nursery	8.54	8.54	8.37
Food Crops Grown Under Cover	8.25	8.26	8.17
General Farm Primarily Crop	8.31	8.30	8.17
Agricultural Production/Livestock	8.29	8.33	8.17
Beef Cattle Feed Lots	8.01	8.08	8.14
Beef Cattle Except Feed Lots	8.59	8.59	8.37
Dairy Farms	8.68	8.70	8.52
Chicken Eggs	7.78	7.92	7.82
Turkey & Turkey Eggs	8.19	8.24	7.84
Other Livestock	8.51	8.48	8.32
Total Agricultural Services	8.63	8.67	8.59
Soil Preparation Services	8.67	8.67	8.76
Crop Services	8.78	8.91	8.71
Plant Cultivate & Protection	8.69	8.69	8.60
Harvest Primarily by Machine	8.77	8.81	8.65
Preparation Services for Market	8.33	8.32	8.25
Cotton Ginning	9.32	9.81	9.32
Total Farm Labor & Management	8.45	8.44	8.32
Farm Labor Contractors	8.26	8.23	8.08
Farm Management Services	8.65	8.64	8.56

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	34.0	32.6	38.8
Total Agricultural Production/Crops	21.9	20.3	24.9
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.0	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.0	0.2
Vegetables and Melons	7.5	7.2	9.7
Total Fruits and Tree Nuts	4.0	3.2	4.0
Berries	2.4	1.5	1.9
Grapes	1.5	1.5	1.2
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.1	0.2	0.3
Other Fruits & Nuts	0.0	0.0	0.5
Total Horticultural Specialties	9.1	8.7	8.8
Ornamental Floral & Nursery	7.0	6.6	6.7
Food Crops Grown Under Cover	2.1	2.1	2.1
General Farm Primarily Crop	1.3	1.2	1.2
Agricultural Production/Livestock	0.0	0.1	1.0
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.0	0.3
Dairy Farms	0.0	0.0	0.1
Chicken Eggs	0.0	0.1	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.0	0.0	0.4
Total Agricultural Services	12.1	12.2	13.4
Soil Preparation Services	0.4	0.2	0.6
Crop Services	4.4	4.6	5.0
Plant Cultivate & Protection	0.0	0.0	0.5
Harvest Primarily by Machine	0.6	0.7	0.6
Preparation Services for Market	3.8	3.9	3.9
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	7.3	7.4	7.8
Farm Labor Contractors	6.1	6.2	6.6
Farm Management Services	1.2	1.2	1.2

Average Hourly Earnings (In dollars per hour)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	8.67	8.54	8.40
Total Agricultural Production/Crops	8.62	8.62	8.39
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	na	8.46
Cotton	na	na	na
Other Field Crops	na	na	8.46
Vegetables and Melons	9.10	9.08	8.75
Total Fruits and Tree Nuts	8.45	8.51	8.26
Berries	8.63	8.71	8.38
Grapes	8.81	8.68	8.38
Tree Nuts	na	na	8.08
Citrus Fruits	na	na	na
Deciduous Tree Fruit	7.90	8.13	8.00
Other Fruits & Nuts	na	na	8.44
Total Horticultural Specialties	8.55	8.54	8.33
Ornamental Floral & Nursery	8.56	8.55	8.32
Food Crops Grown Under Cover	8.54	8.53	8.34
General Farm Primarily Crop	8.39	8.37	8.13
Agricultural Production/Livestock	na	8.29	8.04
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	na	8.37
Dairy Farms	na	na	8.48
Chicken Eggs	na	8.29	7.82
Turkey & Turkey Eggs	na	na	7.84
Other Livestock	na	na	7.69
Total Agricultural Services	8.71	8.72	8.76
Soil Preparation Services	8.79	8.81	8.94
Crop Services	8.81	8.81	8.70
Plant Cultivate & Protection	na	na	8.60
Harvest Primarily by Machine	9.15	9.16	8.96
Preparation Services for Market	8.47	8.46	8.54
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.54	8.54	8.65
Farm Labor Contractors	8.31	8.30	8.41
Farm Management Services	8.77	8.78	8.89

na = not available

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	29.6	27.8	30.2
Total Agricultural Production/Crops	11.7	11.1	11.9
Cash Grains	0.1	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.1	0.0	0.1
Field Crops Except Grains	1.6	1.5	1.1
Cotton	0.0	0.0	0.0
Other Field Crops	1.6	1.5	1.1
Vegetables and Melons	3.4	2.9	3.5
Total Fruits and Tree Nuts	2.2	3.3	2.7
Berries	0.0	0.0	0.1
Grapes	1.2	2.2	1.2
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	0.0	0.0	0.5
Deciduous Tree Fruit	0.0	0.0	0.1
Other Fruits & Nuts	1.0	1.1	0.7
Total Horticultural Specialties	1.6	1.5	1.6
Ornamental Floral & Nursery	1.6	1.5	1.5
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	2.8	1.9	2.9
Agricultural Production/Livestock	5.8	5.8	5.6
Beef Cattle Feed Lots	0.3	0.3	0.2
Beef Cattle Except Feed Lots	0.6	0.6	0.6
Dairy Farms	3.1	3.1	3.1
Chicken Eggs	1.2	1.2	1.1
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.6	0.6	0.6
Total Agricultural Services	12.1	10.9	12.7
Soil Preparation Services	0.1	0.1	0.1
Crop Services	3.3	3.1	3.9
Plant Cultivate & Protection	0.3	0.3	0.3
Harvest Primarily by Machine	0.7	0.6	0.8
Preparation Services for Market	2.1	2.2	2.6
Cotton Ginning	0.2	0.0	0.2
Total Farm Labor & Management	8.7	7.7	8.7
Farm Labor Contractors	8.0	7.2	7.9
Farm Management Services	0.7	0.5	0.8

Average Hourly Earnings (In dollars per hour)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	8.37	8.35	8.27
Total Agricultural Production/Crops	8.53	8.49	8.26
Cash Grains	8.63	na	8.42
Rice	na	na	na
Other Cash Grains	8.63	na	8.42
Field Crops Except Grains	8.91	8.86	8.67
Cotton	na	na	na
Other Field Crops	8.91	8.86	8.67
Vegetables and Melons	8.36	8.32	8.25
Total Fruits and Tree Nuts	8.64	8.60	8.09
Berries	na	na	8.15
Grapes	8.65	8.63	7.93
Tree Nuts	na	na	8.03
Citrus Fruits	na	na	8.09
Deciduous Tree Fruit	na	na	7.73
Other Fruits & Nuts	8.62	8.56	8.58
Total Horticultural Specialties	8.38	8.38	8.19
Ornamental Floral & Nursery	8.38	8.38	8.13
Food Crops Grown Under Cover	na	na	8.25
General Farm Primarily Crop	8.24	8.27	7.94
Agricultural Production/Livestock	8.09	8.09	8.04
Beef Cattle Feed Lots	7.91	7.93	8.13
Beef Cattle Except Feed Lots	8.30	8.30	8.25
Dairy Farms	8.49	8.48	8.57
Chicken Eggs	7.62	7.61	7.44
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.14	8.14	7.82
Total Agricultural Services	8.50	8.47	8.50
Soil Preparation Services	8.58	8.57	8.81
Crop Services	8.63	8.53	8.56
Plant Cultivate & Protection	8.54	8.52	8.52
Harvest Primarily by Machine	8.99	8.98	8.81
Preparation Services for Market	8.13	8.09	8.10
Cotton Ginning	8.86	na	8.80
Total Farm Labor & Management	8.29	8.30	8.14
Farm Labor Contractors	8.12	8.15	7.91
Farm Management Services	8.46	8.45	8.37

na = not available

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	12.7	11.1	13.7
Total Agricultural Production/Crops	8.8	8.3	9.7
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.0	0.1
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.0	0.1
Vegetables and Melons	0.0	0.0	0.1
Total Fruits and Tree Nuts	7.4	6.8	8.0
Berries	0.0	0.0	0.0
Grapes	6.7	6.0	7.1
Tree Nuts	0.0	0.1	0.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.7	0.7	0.7
Other Fruits & Nuts	0.0	0.0	0.1
Total Horticultural Specialties	1.3	1.4	1.3
Ornamental Floral & Nursery	1.3	1.4	1.1
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	0.1	0.1	0.2
Agricultural Production/Livestock	1.5	1.4	1.7
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.2	0.2	0.2
Dairy Farms	0.9	0.9	0.9
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.4	0.3	0.3
Total Agricultural Services	2.4	1.4	2.3
Soil Preparation Services	0.1	0.0	0.0
Crop Services	0.0	0.0	0.2
Plant Cultivate & Protection	0.0	0.0	0.1
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.0	0.0	0.1
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	2.3	1.4	2.1
Farm Labor Contractors	0.2	0.1	0.3
Farm Management Services	2.1	1.3	1.8

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	8.69	8.67	8.42
Total Agricultural Production/Crops	8.62	8.57	8.48
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	na	8.47
Cotton	na	na	na
Other Field Crops	na	na	8.47
Vegetables and Melons	na	na	8.67
Total Fruits and Tree Nuts	8.62	8.51	8.44
Berries	na	na	na
Grapes	8.55	8.56	8.58
Tree Nuts	na	8.30	8.08
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.68	8.68	8.58
Other Fruits & Nuts	na	na	8.52
Total Horticultural Specialties	8.92	8.95	8.46
Ornamental Floral & Nursery	8.92	8.95	8.67
Food Crops Grown Under Cover	na	na	8.25
General Farm Primarily Crop	8.31	8.25	8.36
Agricultural Production/Livestock	8.51	8.50	8.37
Beef Cattle Feed Lots	na	na	8.17
Beef Cattle Except Feed Lots	8.34	8.30	8.37
Dairy Farms	8.52	8.54	8.33
Chicken Eggs	na	na	8.49
Turkey & Turkey Eggs	na	na	7.84
Other Livestock	8.66	8.65	9.02
Total Agricultural Services	8.95	8.95	8.40
Soil Preparation Services	8.61	na	na
Crop Services	na	na	8.43
Plant Cultivate & Protection	na	na	8.60
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	na	na	8.25
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.78	8.78	8.37
Farm Labor Contractors	8.63	8.63	8.08
Farm Management Services	8.93	8.92	8.66

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	56.3	58.7	57.0
Total Agricultural Production/Crops	40.5	43.3	40.8
Cash Grains	0.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.1
Field Crops Except Grains	0.0	0.1	0.4
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.1	0.4
Vegetables and Melons	5.8	7.1	5.7
Total Fruits and Tree Nuts	14.7	15.9	14.8
Berries	9.8	11.0	9.8
Grapes	2.0	1.7	1.8
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	1.3	1.5	1.3
Deciduous Tree Fruit	0.1	0.2	0.2
Other Fruits & Nuts	1.5	1.5	1.6
Total Horticultural Specialties	17.1	17.0	16.9
Ornamental Floral & Nursery	16.3	16.1	16.1
Food Crops Grown Under Cover	0.8	0.9	0.8
General Farm Primarily Crop	2.9	3.2	2.9
Agricultural Production/Livestock	1.7	1.9	1.7
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.3	0.3	0.3
Dairy Farms	0.1	0.1	0.2
Chicken Eggs	0.4	0.4	0.3
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.9	1.1	0.9
Total Agricultural Services	14.1	13.5	14.5
Soil Preparation Services	0.2	0.2	0.2
Crop Services	2.3	2.3	2.4
Plant Cultivate & Protection	0.4	0.4	0.4
Harvest Primarily by Machine	0.0	0.0	0.1
Preparation Services for Market	1.9	1.9	1.9
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	11.6	11.0	11.9
Farm Labor Contractors	10.3	9.8	10.4
Farm Management Services	1.3	1.2	1.5

Average Hourly Earnings (In dollars per hour)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	8.52	8.48	8.42
Total Agricultural Production/Crops	8.32	8.20	8.36
Cash Grains	na	na	8.68
Rice	na	na	na
Other Cash Grains	na	na	8.68
Field Crops Except Grains	na	7.70	8.57
Cotton	na	na	na
Other Field Crops	na	7.70	8.57
Vegetables and Melons	8.14	8.24	8.31
Total Fruits and Tree Nuts	8.31	8.28	8.10
Berries	7.45	7.42	7.92
Grapes	8.48	8.40	8.62
Tree Nuts	na	na	8.08
Citrus Fruits	8.46	8.46	8.38
Deciduous Tree Fruit	8.43	8.44	7.14
Other Fruits & Nuts	8.71	8.66	8.43
Total Horticultural Specialties	8.47	8.46	8.35
Ornamental Floral & Nursery	8.56	8.55	8.55
Food Crops Grown Under Cover	8.37	8.37	8.15
General Farm Primarily Crop	8.36	8.34	8.13
Agricultural Production/Livestock	8.71	8.73	8.37
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	9.51	9.51	8.65
Dairy Farms	8.67	8.70	8.52
Chicken Eggs	8.11	8.18	8.04
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.53	8.53	8.25
Total Agricultural Services	8.53	8.51	8.53
Soil Preparation Services	8.72	8.63	8.76
Crop Services	8.58	8.58	8.56
Plant Cultivate & Protection	8.86	8.86	8.87
Harvest Primarily by Machine	na	na	8.65
Preparation Services for Market	8.30	8.30	8.17
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.30	8.31	8.27
Farm Labor Contractors	8.01	8.03	8.02
Farm Management Services	8.58	8.58	8.51

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	136.8	148.5	133.0
Total Agricultural Production/Crops	52.6	55.0	50.8
Cash Grains	0.1	0.1	0.3
Rice	0.0	0.0	0.0
Other Cash Grains	0.1	0.1	0.3
Field Crops Except Grains	5.1	4.7	5.8
Cotton	3.6	3.4	3.9
Other Field Crops	1.5	1.3	1.9
Vegetables and Melons	3.5	3.1	3.9
Total Fruits and Tree Nuts	31.3	33.5	28.1
Berries	0.1	0.1	0.0
Grapes	19.1	20.6	16.7
Tree Nuts	4.6	4.8	4.5
Citrus Fruits	1.4	1.2	1.4
Deciduous Tree Fruit	3.3	3.9	3.0
Other Fruits & Nuts	2.8	2.9	2.5
Total Horticultural Specialties	4.0	4.4	4.0
Ornamental Floral & Nursery	3.9	4.3	3.8
Food Crops Grown Under Cover	0.1	0.1	0.2
General Farm Primarily Crop	8.6	9.2	8.7
Agricultural Production/Livestock	16.3	16.1	17.7
Beef Cattle Feed Lots	0.5	0.4	0.6
Beef Cattle Except Feed Lots	1.2	1.3	1.7
Dairy Farms	11.7	11.3	12.2
Chicken Eggs	0.3	0.6	0.5
Turkey & Turkey Eggs	0.7	0.7	0.7
Other Livestock	1.9	1.8	2.0
Total Agricultural Services	67.9	77.4	64.5
Soil Preparation Services	0.5	0.6	0.5
Crop Services	19.2	20.7	17.8
Plant Cultivate & Protection	3.0	3.1	2.7
Harvest Primarily by Machine	1.0	1.4	1.3
Preparation Services for Market	14.6	15.2	13.2
Cotton Ginning	0.6	1.0	0.6
Total Farm Labor & Management	48.2	56.1	46.2
Farm Labor Contractors	44.8	52.3	42.4
Farm Management Services	3.4	3.8	3.8

Average Hourly Earnings (In dollars per hour)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	8.33	8.33	8.26
Total Agricultural Production/Crops	8.04	8.06	8.09
Cash Grains	7.75	7.75	8.23
Rice	na	na	na
Other Cash Grains	7.75	7.75	8.23
Field Crops Except Grains	8.04	8.00	8.25
Cotton	8.17	8.16	8.21
Other Field Crops	7.91	7.84	8.28
Vegetables and Melons	7.99	8.06	8.04
Total Fruits and Tree Nuts	8.28	8.32	8.10
Berries	8.20	8.39	na
Grapes	8.03	7.98	8.22
Tree Nuts	8.68	8.75	8.09
Citrus Fruits	8.29	8.29	8.00
Deciduous Tree Fruit	8.19	8.24	7.93
Other Fruits & Nuts	8.26	8.29	8.26
Total Horticultural Specialties	8.07	8.10	7.94
Ornamental Floral & Nursery	8.30	8.31	8.13
Food Crops Grown Under Cover	7.84	7.89	7.75
General Farm Primarily Crop	8.12	8.14	8.00
Agricultural Production/Livestock	8.36	8.37	8.18
Beef Cattle Feed Lots	8.10	8.22	8.12
Beef Cattle Except Feed Lots	8.40	8.41	8.30
Dairy Farms	9.04	9.07	8.71
Chicken Eggs	7.60	7.60	7.29
Turkey & Turkey Eggs	8.19	8.24	7.84
Other Livestock	8.83	8.70	8.82
Total Agricultural Services	8.58	8.55	8.49
Soil Preparation Services	8.63	8.63	8.62
Crop Services	8.79	8.79	8.73
Plant Cultivate & Protection	8.70	8.69	8.66
Harvest Primarily by Machine	8.31	8.30	8.25
Preparation Services for Market	8.39	8.37	8.16
Cotton Ginning	9.77	9.81	9.84
Total Farm Labor & Management	8.32	8.24	8.13
Farm Labor Contractors	8.11	7.95	7.90
Farm Management Services	8.52	8.52	8.36

na = not available

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	18.0	20.8	17.5
Total Agricultural Production/Crops	12.0	13.8	11.5
Cash Grains	1.4	1.5	1.1
Rice	1.1	1.2	0.9
Other Cash Grains	0.3	0.3	0.2
Field Crops Except Grains	0.5	0.4	0.4
Cotton	0.0	0.0	0.0
Other Field Crops	0.5	0.4	0.4
Vegetables and Melons	0.7	0.6	0.7
Total Fruits and Tree Nuts	6.2	6.2	5.8
Berries	0.1	0.1	0.0
Grapes	1.2	0.9	1.2
Tree Nuts	2.4	2.3	2.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	1.7	2.2	1.6
Other Fruits & Nuts	0.8	0.7	0.8
Total Horticultural Specialties	1.4	2.4	1.7
Ornamental Floral & Nursery	1.4	2.4	1.5
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	1.8	2.7	1.8
Agricultural Production/Livestock	1.4	1.6	1.5
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.5	0.5	0.5
Dairy Farms	0.5	0.6	0.5
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.4	0.5	0.5
Total Agricultural Services	4.6	5.4	4.5
Soil Preparation Services	0.2	0.1	0.1
Crop Services	1.9	2.2	1.8
Plant Cultivate & Protection	0.4	0.7	0.4
Harvest Primarily by Machine	0.2	0.0	0.2
Preparation Services for Market	1.3	1.5	1.2
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	2.5	3.1	2.6
Farm Labor Contractors	2.4	2.8	2.5
Farm Management Services	0.1	0.3	0.1

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Feb 2003	Jan 2003	Feb 2002
Total Agriculture	8.49	8.50	8.40
Total Agricultural Production/Crops	8.39	8.41	8.36
Cash Grains	8.50	8.50	8.47
Rice	8.72	8.72	8.59
Other Cash Grains	8.28	8.28	8.35
Field Crops Except Grains	8.20	8.30	8.36
Cotton	na	na	na
Other Field Crops	8.20	8.30	8.36
Vegetables and Melons	8.55	8.56	8.27
Total Fruits and Tree Nuts	8.14	8.22	8.27
Berries	7.88	7.88	na
Grapes	8.26	8.42	8.38
Tree Nuts	8.30	8.34	8.12
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.07	8.21	8.30
Other Fruits & Nuts	8.20	8.24	8.29
Total Horticultural Specialties	8.50	8.47	8.33
Ornamental Floral & Nursery	8.50	8.47	8.40
Food Crops Grown Under Cover	na	na	8.25
General Farm Primarily Crop	8.43	8.42	8.46
Agricultural Production/Livestock	8.50	8.51	8.35
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.40	8.41	8.26
Dairy Farms	8.70	8.73	8.51
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.39	8.39	8.29
Total Agricultural Services	8.58	8.57	8.48
Soil Preparation Services	8.69	8.73	8.66
Crop Services	8.56	8.53	8.41
Plant Cultivate & Protection	8.67	8.68	8.36
Harvest Primarily by Machine	8.63	na	8.58
Preparation Services for Market	8.38	8.38	8.30
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.50	8.46	8.37
Farm Labor Contractors	8.37	8.33	8.17
Farm Management Services	8.62	8.58	8.56

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the State's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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